

IN THE CLAIMS:

1. (Canceled)
2. (Previously presented) A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is blended with glass fiber.
3. (Canceled)
4. (Previously presented) A cable for transmitting a signal, the cable comprising:  
at least one optical fiber for transmitting the signal;  
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide; and  
an outer jacket disposed around the at least one buffer tube; wherein the alloy is blended with glass fiber.
5. (Canceled)
- 6–10. (Canceled)
11. (Currently amended) ~~The buffer tube of claim 1,~~ A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is filled, contains an antioxidant, contains a processing aid, or a combination thereof.

12. (New) A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the buffer tube has a flexural modulus at room temperature ranging from about 180 kpsi to about 370 kpsi.